

- 22 -

Claims

1. A temporary cubicle device comprising a foldable support frame having attached to part thereof foldable non-transparent material, the support frame and material being movable between a first, folded state for stowage of the device, and a second, unfolded state in which the unfolded support frame defines at least part of the shape of the cubicle device in its assembled state in which said material is unfolded.
2. A cubicle device as claimed in Claim 1, wherein the support frame includes a pair of support arms to which said material is attached.
3. A cubicle device as claimed in Claim 2, wherein when said support frame is unfolded, the support arms are automatically moved to lie normal to a main part of the support frame.
4. A cubicle device as claimed in either Claim 2 or Claim 3, which in its assembled state is square or rectangular in plan.
5. A cubicle device as claimed in Claim 4, wherein a pair of opposite sides thereof in its assembled state is formed by material depending from said support arms which are horizontal, parallel and spaced apart.
6. A cubicle device as claimed in any one of Claims 1 to 5, wherein the material is waterproof.

- 23 -

7. A cubicle device as claimed in any one of Claims 1 to 6, wherein the material is fitted at an opening thereof with a double-sided zip.
8. A cubicle device as claimed in any one of Claims 1 to 6 wherein the material is fitted at an opening thereof with Velcro (RTM) material.
9. A cubicle device as claimed in any one of Claims 1 to 8, wherein the material is washable.
10. A cubicle device as claimed in any one of Claims 1 to 9, wherein in its assembled state respective covers are fitted to the top and/or bottom thereof.
11. A cubicle device as claimed in Claim 10, wherein the or each cover is disposable.
12. A cubicle device as claimed in Claim 10 or Claim 11, wherein the or each cover is held in place by press studs.
13. A cubicle device as claimed in any one of Claims 10 to 12, wherein the cover fitted to the top thereof is translucent.
14. A cubicle device as claimed in either Claim 1 or Claim 2, wherein the support frame includes a linkage comprising a pair of main link arms which respectively pivotally carry said support arms at free ends thereof; the main link arms being foldable towards one another to fold the support frame and away from one another to unfold the support frame, the main link arms being

- 24 -

pivotally connected to respective links which have their respective ends spaced from the main link arms connected by a common pivot.

15. A cubicle device as claimed in Claim 14, wherein respective adjacent ends of main link arms are pivotally connected to part of the support frame.

16. A cubicle device as claimed in Claim 15, wherein on folding the support frame from its unfolded to its folded state, said main link arms are folded together along with said links folding together, and said part of the support frame can slide along a support member of the support frame.

17. A cubicle device as claimed in Claim 16, having a pair of said linkages at the top and bottom thereof, said parts of the support frame to which upper and lower pairs of main link arms are respectively pivotally connected being slidable on said support member.

18. A cubicle device as claimed in Claim 17, wherein the support member is foldable about its centre so that in the folded state of the support frame, the pair of linkages lie aside each other in a folded state.

19. A cubicle device as claimed in Claim 17 or Claim 18, wherein respective upper and lower toggles are actuatable in the unfolded state of the support frame to maintain the support member erect so as thereby to rigidify the support frame.

- 25 -

20. A cubicle device as claimed in any one of Claims 17 to 19, wherein one main link arm of each linkage is provided with a handle for facilitating folding and unfolding of the linkage, in use.
21. A cubicle device as claimed in any one of Claims 14 to 20, wherein the linkage includes an arm carrying a suction cup for attaching the erected cubicle device, in use, to a vehicle.
22. A cubicle device as claimed in any one of Claims 1 to 13, wherein the support frame includes stabilising arms for engagement, in use, with a vehicle roof, when the erected cubicle device is temporarily attached to a vehicle.
23. A cubicle device as claimed in any one of Claims 1 to 13, wherein the support frame includes a suction cup for attaching the erected cubicle device to a vehicle, in use.
24. A cubicle device as claimed in Claim 21, wherein the arm is foldable.
25. A cubicle device as claimed in Claim 22, wherein said stabilising arms are foldable.
26. A cubicle device as claimed in Claim 22, wherein the stabilising arms have respective magnets at their free ends for attachment to said vehicle roof.
27. A vehicle having attached to a part thereof a temporary cubicle device which is normally in a first, stowed state in or on the vehicle, but which upon

- 26 -

manipulation by a user can assume an assembled state in which at least a part thereof is at the exterior of the vehicle.

28. A vehicle as claimed in Claim 27, which is of hatchback form, with said cubicle device normally stowed in the boot thereof in its first state.

29. A vehicle as claimed in Claim 28, wherein opening of the rear door or tailgate of the hatchback vehicle automatically at least partly assembles the device.

30. A vehicle as claimed in any one of Claims 27 to 29, of hatchback form, wherein the cubicle device incorporates an upper support frame which, when the rear door or tailgate of the hatchback vehicle is fully open, can be manually lifted to lie horizontal.

31. A vehicle as claimed in Claim 30, wherein said frame defines the shape of the assembled cubicle.

32. A vehicle as claimed in Claim 31, wherein the assembled cubicle is square or rectangular in plan.

33. A vehicle as claimed in any one of Claims 30 to 32, wherein depending from the frame is non-transparent material.

34. A vehicle as claimed in Claim 33, wherein, in use, the material extends to the ground when the cubicle device is fully assembled/erected.

- 27 -

35. A vehicle as claimed in any one of Claims 30 to 34, wherein the frame is held horizontal by a spring and catch mechanism.

36. A vehicle as claimed in either of Claims 33 and 34, wherein the material has a zippered or Velcro (RTM) opening for access to the erected/assembled cubicle, in use.

37. A vehicle as claimed in any one of Claims 27 to 37, including a toilet seat attached to a floor of the vehicle boot.

38. A vehicle as claimed in Claim 37, wherein the toilet seat can be moved from a first stowed position where it is wholly received in the boot, to a second, in use, position where it is within the assembled cubicle.

39. A vehicle as claimed in Claim 38, wherein the toilet seat can be pivoted from its first to its second position.

40. A vehicle as claimed in Claim 27, wherein the cubicle device is normally stowed on the roof of the vehicle in its first state.

41. A vehicle as claimed in Claim 40, wherein the stowed cubicle device is mounted in the manner of a roof rack.

42. A vehicle as claimed in Claim 40, wherein the stowed cubicle device is lockable against unauthorised operation.

- 28 -

43. A vehicle as claimed in any one of Claims 40 to 42, wherein the cubicle device incorporates a linkage allowing a main upper canopy part thereof to be drawn forwards and upwards to a position where it lies at the exterior of one side of the vehicle.

44. A vehicle as claimed in Claim 43, wherein the cubicle device is pulled from its stowed state it moves over top dead centre, so that when the canopy part is at the exterior of said one side of the vehicle, it is in a stable, horizontal position.

45. A vehicle as claimed in Claim 44, wherein with the canopy in said stable position, operation of a catch releases from the underside of the canopy part a lower side part of the cubicle device, which depends from the canopy part at said side of the vehicle.

46. A vehicle as claimed in Claim 45, wherein a toilet seat is stowed at said lower side part.

47. A vehicle as claimed in Claim 45 or Claim 46, wherein once the canopy part is in said stable position and said lower side part is released, non-transparent material attached to the canopy part can, in use, be released from its folded state so as to depend therefrom to reach the ground.

48. A vehicle as claimed in Claim 47, wherein access to the interior of the assembled/erected cubicle device is by means of a zippered or Velcro (RTM) opening in said material.